LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PPSP-B13-25.5-26.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052775.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.789	569	579	593	rVV5	138286	434286	14.06%	0.561%
2	7.135	628	638	644	rBV3	196525	447010	14.47%	0.578%
3	7.235	651	655	660	rVV	216984	361310	11.70%	0.467%
4	7.300	660	666	672	rVV4	294024	594395	19.24%	0.768%
5	7.370	672	678	686	rVB	157982	265818	8.61%	0.344%
6	7.793	742	750	756	rVV	455849	846685	27.41%	1.094%
7	8.058	789	795	802	rVV3	96359	226254	7.32%	0.292%
8	8.134	802	808	814	rBV2	333155	701147	22.70%	0.906%
9	8.269	827	831	839	rVB3	113872	246788	7.99%	0.319%
10	8.445	857	861	867	rVB2	165966	297717	9.64%	0.385%
11	8.698	898	904	909	rVV2	293810	651575	21.09%	0.842%
12	8.792	915	920	928	rBV3	429718	969731	31.39%	1.253%
13	8.921	935	942	945	rBV	217704	377951	12.24%	0.488%
14	9.109	968	974	978	rBV	178962	287385	9.30%	0.371%
15	9.156	978	982	990	rVB	223139	409608	13.26%	0.529%
16	9.262	990	1000	1009	rBV3	475909	1146035	37.10%	1.481%
17	9.350	1009	1015	1025	rVB5	183428	550330	17.82%	0.711%
18	9.514	1032	1043	1050	rBV8	301306	897500	29.06%	1.160%
19	9.644	1062	1065	1072	rVB6	159096	305332	9.88%	0.395%
20	9.790	1085	1090	1095	rVV2	188725	412800	13.36%	0.534%
21	9.843	1095	1099	1103	rVV	247275	402656	13.04%	0.520%
22	10.043	1124	1133	1137	rBV3	194625	434759	14.07%	0.562%
23	10.090	1137	1141	1146	rVB2	282949	450790	14.59%	0.583%
24	10.155	1146	1152	1157	rBV4	331155	688582	22.29%	0.890%
25	10.213	1157	1162	1164	rBV3	234227	383788	12.42%	0.496%
26	10.307	1172	1178	1182	rBV2	369872	641810	20.78%	0.830%
27	10.360	1182	1187	1194	rVV3	440430	1130462	36.60%	1.461%
28	10.425	1194	1198	1203	rVB2	268318	467110	15.12%	0.604%
29	10.490	1203	1209	1213	rBV	235522	456725	14.79%	0.590%
30	10.542	1215	1218	1222	rVV4	188308	281539	9.11%	0.364%
31	10.595	1222	1227	1233	rVB2	296268	561413	18.17%	0.726%
32	10.660	1233	1238	1242	rBV	167598	294213	9.52%	0.380%
33	10.948	1279	1287	1293	rBV2	422975	1103902	35.74%	1.427%
34	11.012	1293	1298	1305	rVV3	418573	898900	29.10%	1.162%
35	11.077	1305	1309	1313	rVV2	177186	288725	9.35%	0.373%
36	11.124	1313	1317	1322	rVB	562387	870535	28.18%	1.125%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.183	1322	1327	1334	rBV3	200068	354563	11.48%	0.458%
38	11.429	1365	1369	1380	rVB3	403432	912497	29.54%	1.179%
39	11.541	1381	1388	1393	rBV2	230332	513506	16.62%	0.664%
40	11.623	1398	1402	1405	rBV	205934	323171	10.46%	0.418%
41	11.670	1405	1410	1416	rVB6	348597	726938	23.53%	0.940%
42	11.729	1416	1420	1426	rVB3	193648	392778	12.72%	0.508%
43	11.800	1426	1432	1438	rBV3	399184	673396	21.80%	0.870%
44	11.876	1438	1445	1452	rBV3	413077	873155	28.27%	1.129%
45	11.982	1458	1463	1468	rBV	677111	1211284	39.21%	1.566%
46	12.064	1473	1477	1483	rVB2	262607	464048	15.02%	0.600%
47	12.146	1485	1491	1499	rBV2	872962	1617054	52.35%	2.090%
48	12.504	1546	1552	1556	rVB3	466305	843106	27.29%	1.090%
49	12.610	1560	1570	1576	rVB2	1455769	3044259	98.55%	3.935%
50	12.828	1600	1607	1610	rBV	873751	1774877	57.46%	2.294%
51	12.857	1610	1612	1617	rVV3	705401	978793	31.69%	1.265%
52	12.998	1631	1636	1639	rBV3	261768	390064	12.63%	0.504%
53	13.104	1651	1654	1657	rBV3	246279	352796	11.42%	0.456%
54	13.162	1662	1664	1670	rVB4	183471	251856	8.15%	0.326%
55	13.268	1677	1682	1685	rBV5	154563	314255	10.17%	0.406%
56	13.315	1686	1690	1696	rVB3	948117	1493016	48.33%	1.930%
57	13.603	1731	1739	1746	rVB6	323703	845384	27.37%	1.093%
58	13.720	1751	1759	1763	rVB2	469874	983078	31.83%	1.271%
59	13.767	1763	1767	1770	rBV5	253936	378782	12.26%	0.490%
60	13.803	1770	1773	1776	rBV	310068	377561	12.22%	0.488%
61	13.938	1789	1796	1811	rVB2	963385	2824621	91.44%	3.651%
62	14.096	1812	1823	1828	rVV	1343537	3088945	100.00%	3.992%
63	14.149	1828	1832	1838	rVV2	1136636	1929431	62.46%	2.494%
64	14.202	1838	1841	1843	rVV3	320781	455524	14.75%	0.589%
65	14.255	1846	1850	1853	rVV	1025630	1578308	51.10%	2.040%
66	14.290	1853	1856	1859	rVV3	303863	511449	16.56%	0.661%
67	14.331	1859	1863	1873	rVB4	605797	1536492	49.74%	1.986%
68	14.496	1888	1891	1895	rVB2	190978	256010	8.29%	0.331%
69	14.613	1907	1911	1915	rBV3	300531	432757	14.01%	0.559%
70	14.737	1927	1932	1935	rBV	637197	1098726	35.57%	1.420%
71	14.819	1943	1946	1949	rBV2	150467	261131	8.45%	0.337%
72	14.978	1968	1973	1981	rVB	621512	1547804	50.11%	2.000%
73	15.060	1983	1987	1990	rBV2	173625	259080	8.39%	0.335%
74	15.166	2000	2005	2012	rVB	883632	1472984	47.69%	1.904%
75	15.242	2013	2018	2022	rVB	613652	911300	29.50%	1.178%
76	15.289	2022	2026	2037	rVB7	375151	833584	26.99%	1.077%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.383	2037	2042	2047	rBV	558646	1080468	34.98%	1.396%
78	15.436	2047	2051	2056	rVB	544928	806792	26.12%	1.043%
79	15.489	2057	2060	2065	rBV5	151043	313528	10.15%	0.405%
80	15.806	2109	2114	2117	rBV3	376406	586637	18.99%	0.758%
81	15.847	2118	2121	2127	rVB4	231852	500341	16.20%	0.647%
82	15.935	2134	2136	2140	rVB3	246236	304714	9.86%	0.394%
83	15.982	2140	2144	2146	rVV4	212509	327885	10.61%	0.424%
84	16.017	2146	2150	2157	rVB2	1073096	1664335	53.88%	2.151%
85	16.229	2182	2186	2189	rVV3	212111	302495	9.79%	0.391%
86	16.323	2198	2202	2206	rBV2	201623	344880	11.16%	0.446%
87	16.405	2213	2216	2224	rBV6	101151	305381	9.89%	0.395%
88	16.499	2226	2232	2242	rVB2	1630116	2785864	90.19%	3.601%
89	16.869	2290	2295	2300	rBV3	550288	956760	30.97%	1.237%
90	17.316	2367	2371	2382	rVB	1072014	2026727	65.61%	2.619%
91	17.509	2400	2404	2408	rBV	539105	851736	27.57%	1.101%
92	17.556	2408	2412	2416	rVB	364906	522929	16.93%	0.676%
93	17.927	2470	2475	2479	rBV3	307844	523294	16.94%	0.676%
94	18.391	2549	2554	2558	rBV	437592	677854	21.94%	0.876%
95	18.438	2558	2562	2569	rVB	538907	817542	26.47%	1.057%
96	18.573	2582	2585	2589	rVB2	211763	279075	9.03%	0.361%
97	19.295	2704	2708	2713	rVB	379047	523491	16.95%	0.677%
98	19.994	2823	2827	2833	rVB	166548	243414	7.88%	0.315%
99	21.798	3128	3134	3142	rVB	491432	829521	26.85%	1.072%
100	25.117	3689	3699	3710	rVB2	306206	923321	29.89%	1.193%

Sum of corrected areas: 77372913

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
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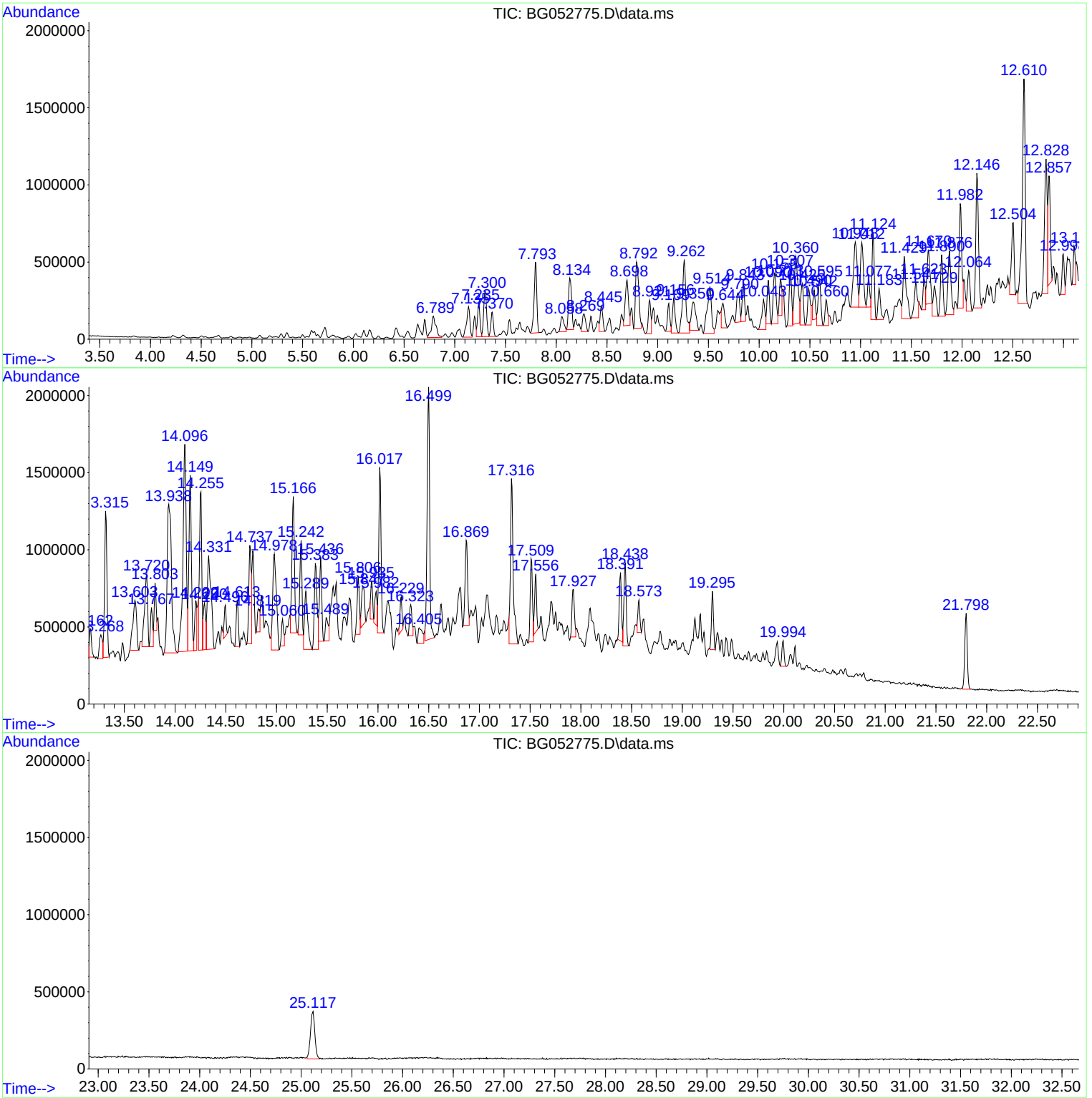
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

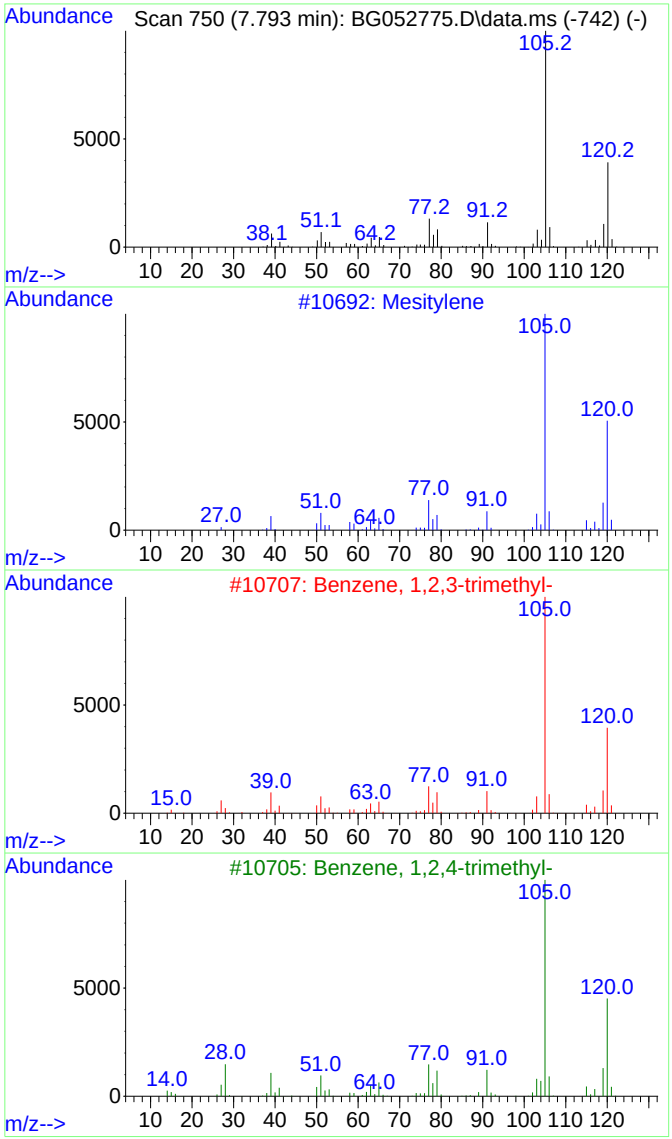
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

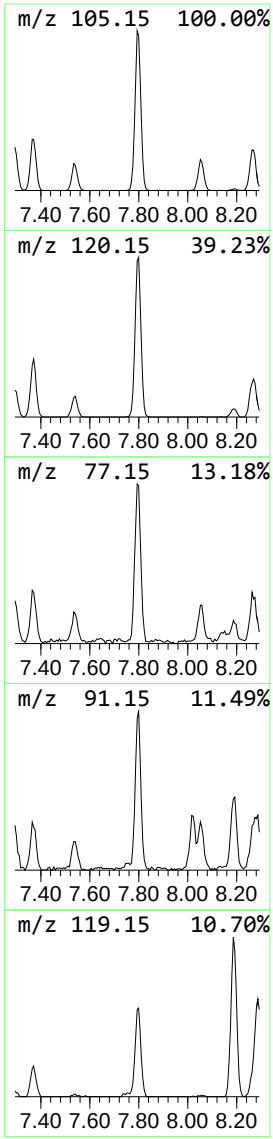
****

Peak Number 1 Mesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.793	24.15 ng	846685	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
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Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

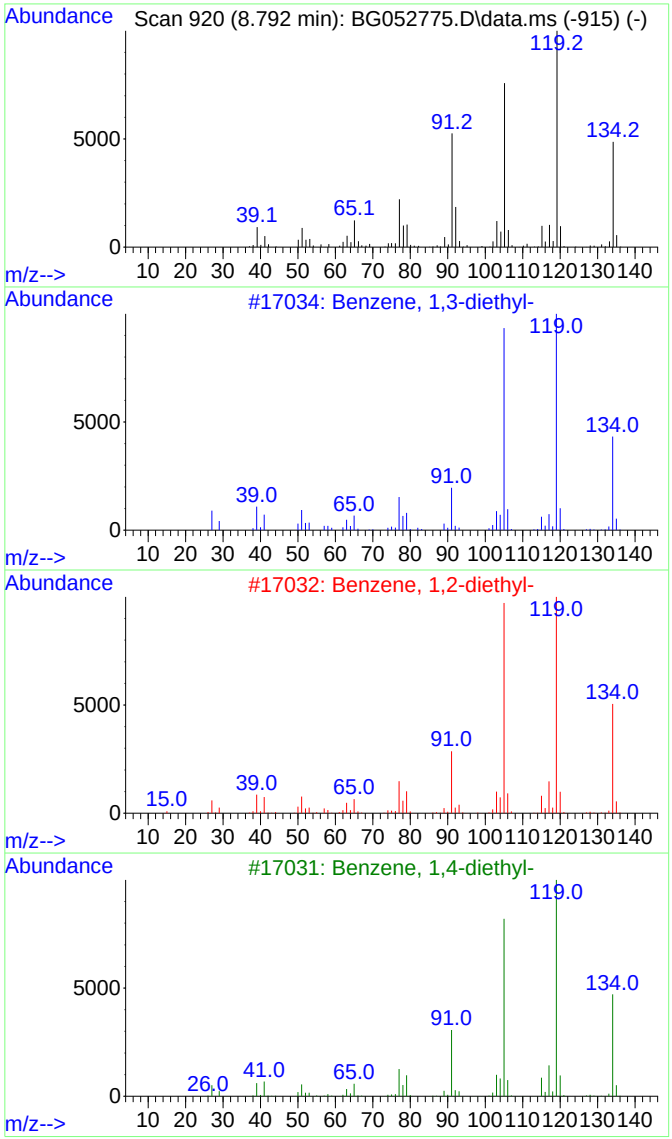
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

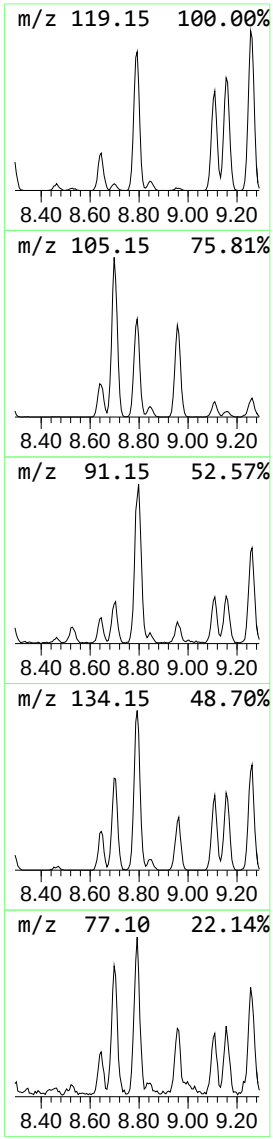
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.792	27.66 ng	969731	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
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BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

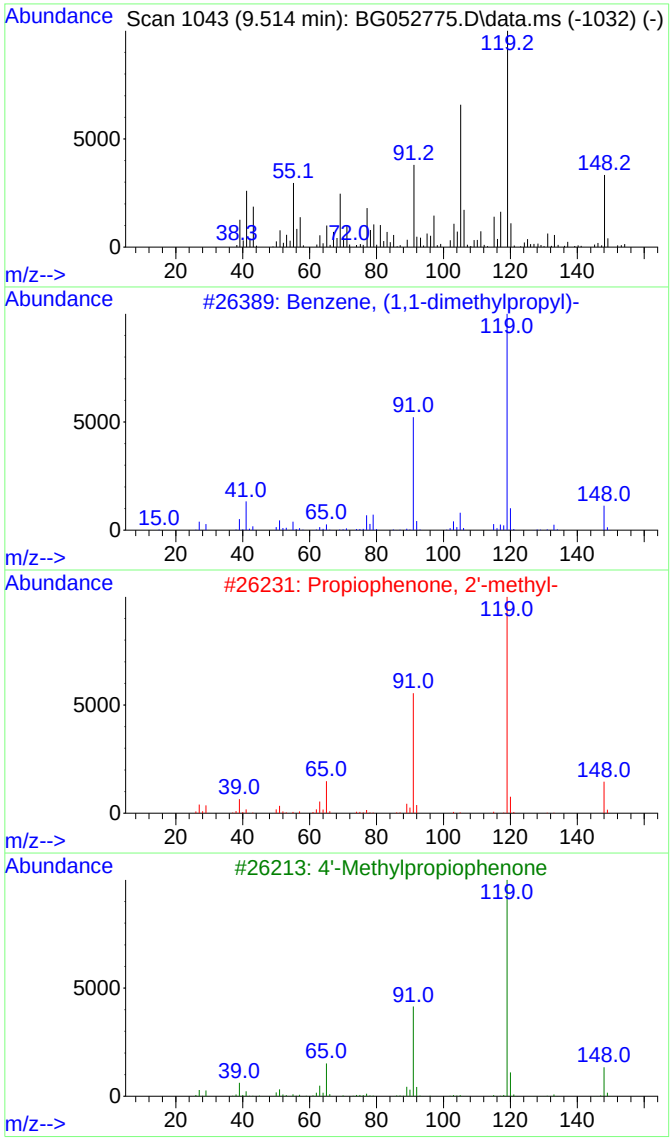
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

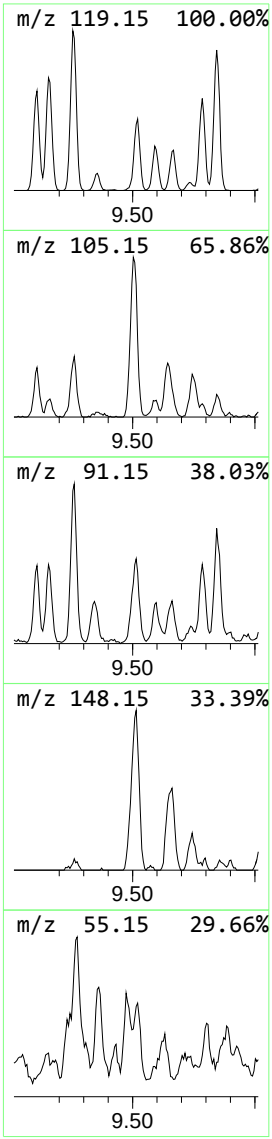
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1,1-dimethylpropyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.514	25.60 ng	897500	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	68
2	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	62
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	58
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	52
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

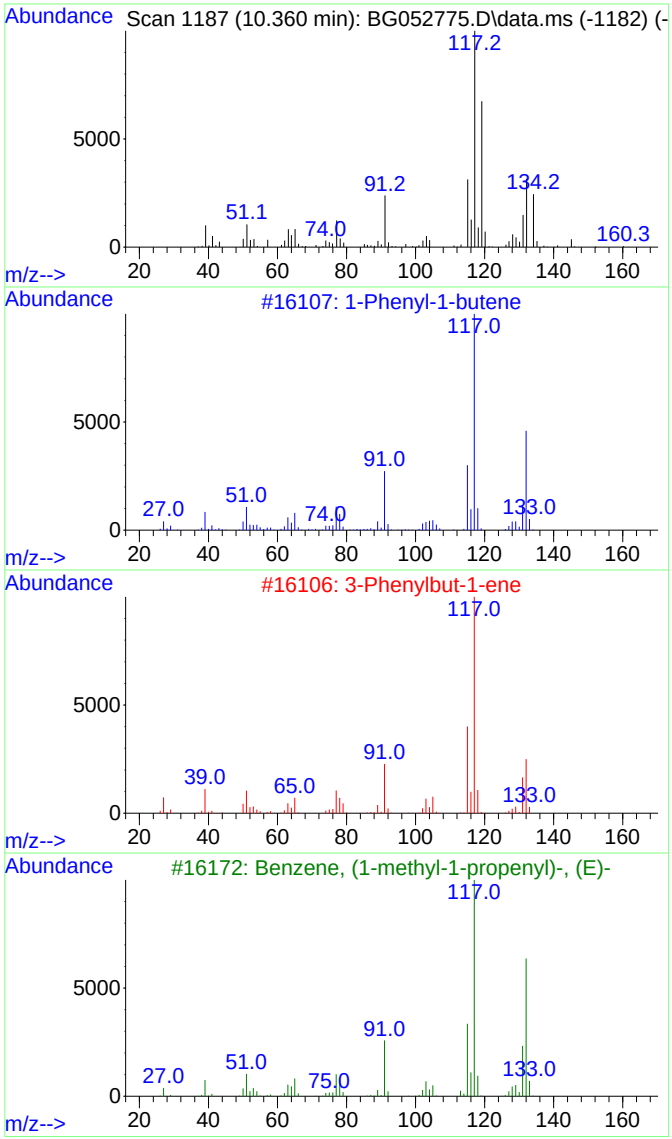
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

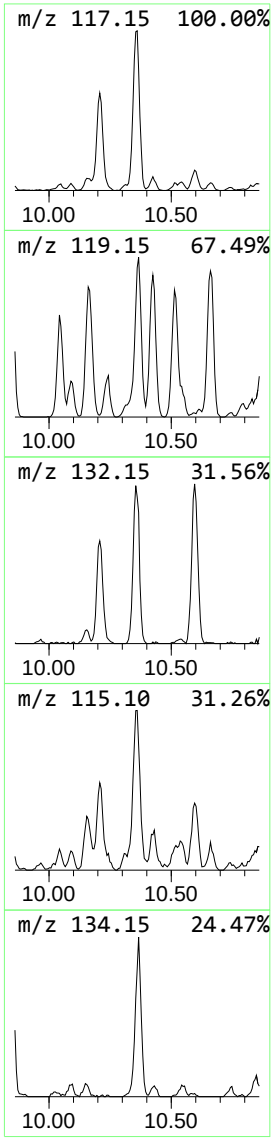
****

Peak Number 4 1-Phenyl-1-butene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.360	20.48 ng	1130460	Naphthalene-d8	10.960

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

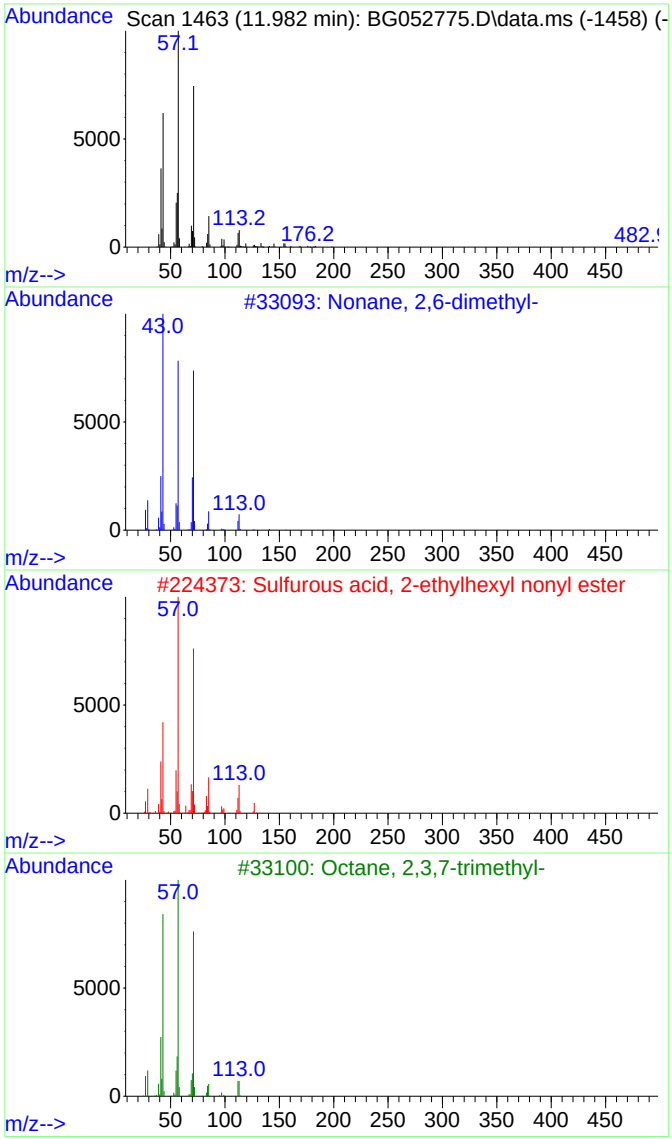
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

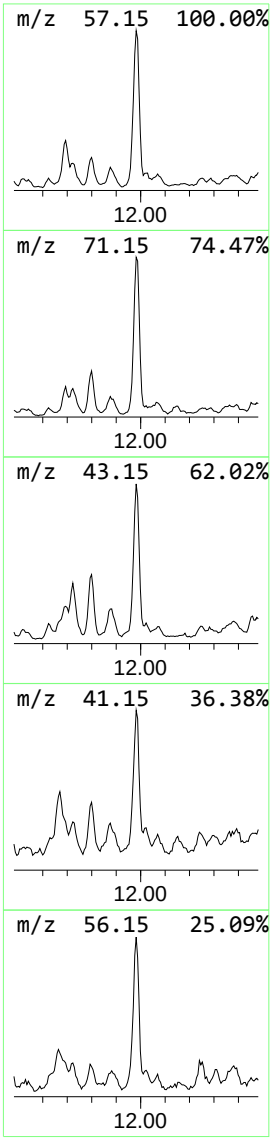
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Nonane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.982	21.95 ng	1211280	Naphthalene-d8	10.960

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64





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Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

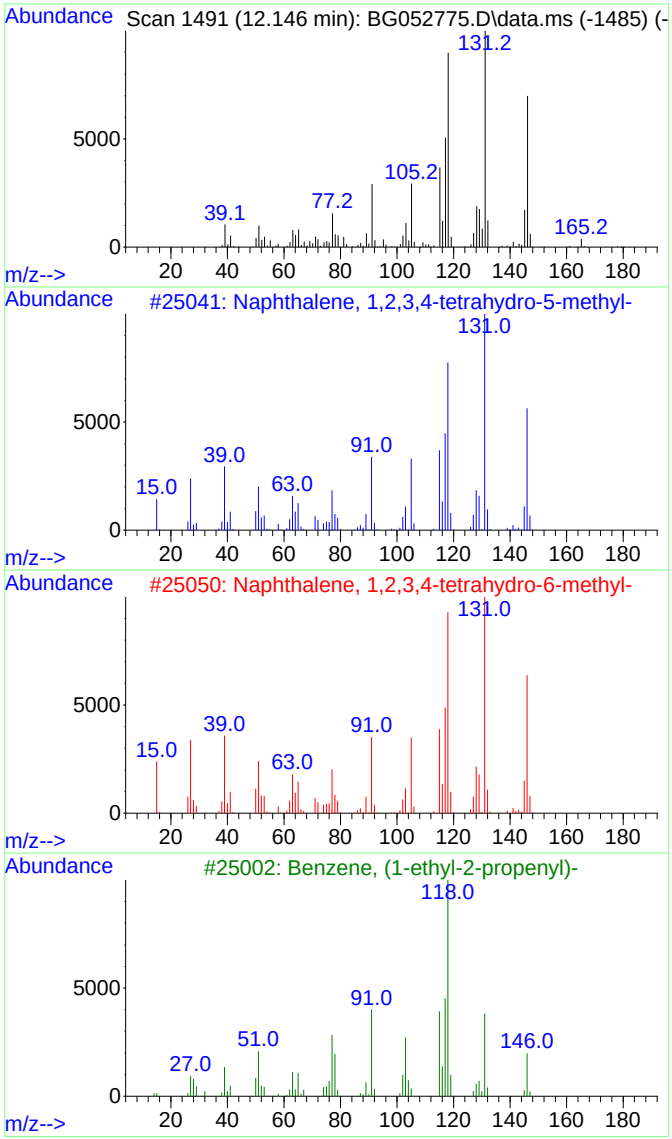
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

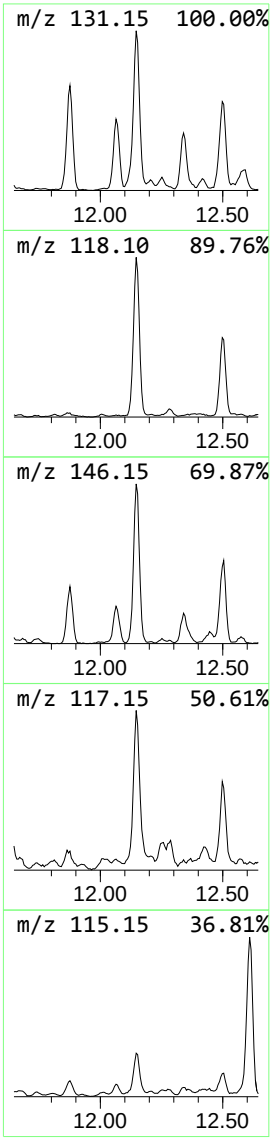
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.146	29.30 ng	1617050	Naphthalene-d8	10.960

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	91
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	81
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60





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Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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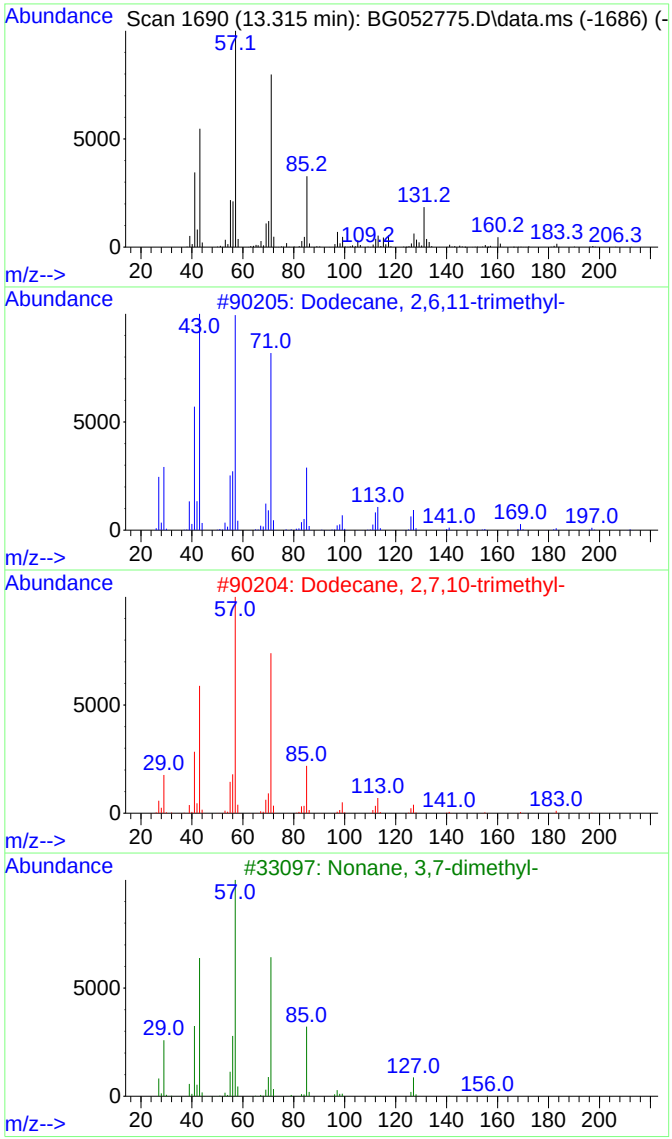
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

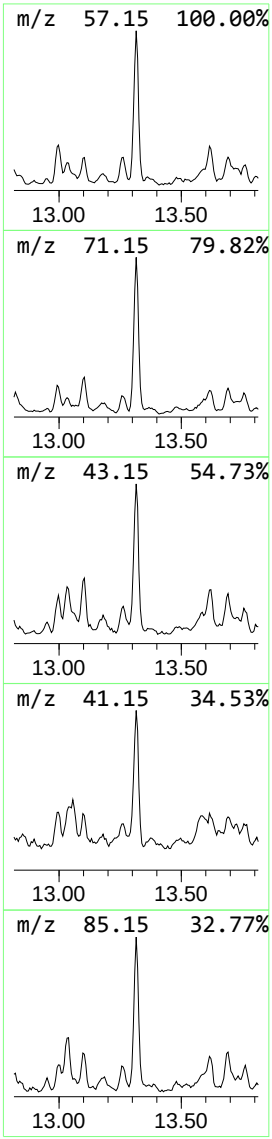
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.315	27.18 ng	1493020	Acenaphthene-d10	14.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	47





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B13-25.5-26.0

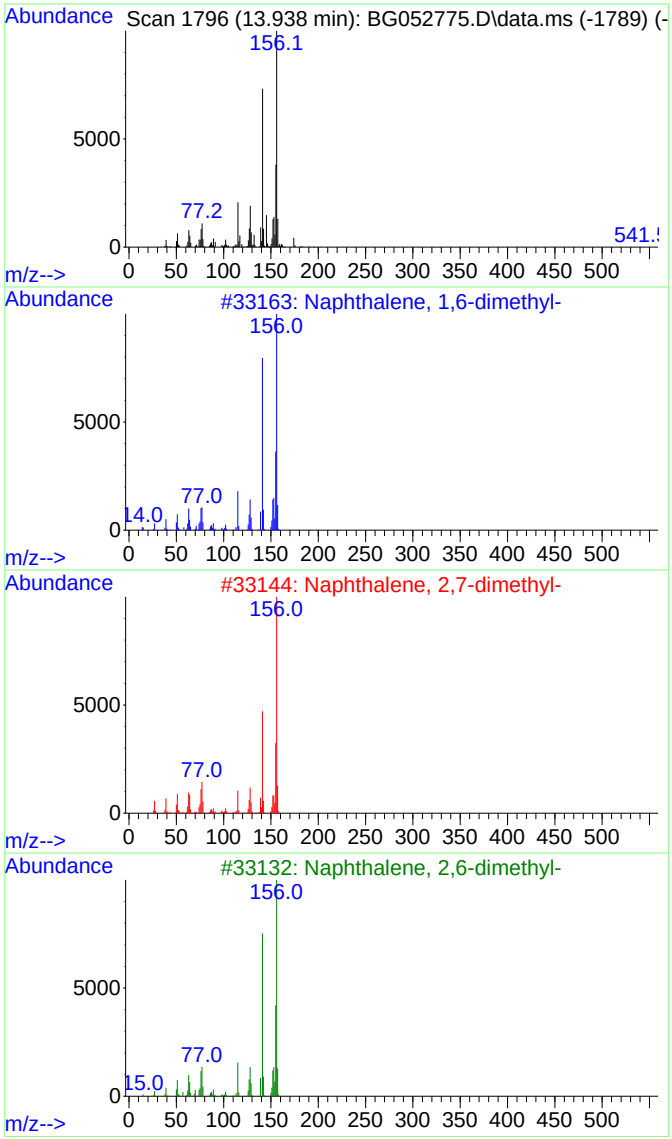
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

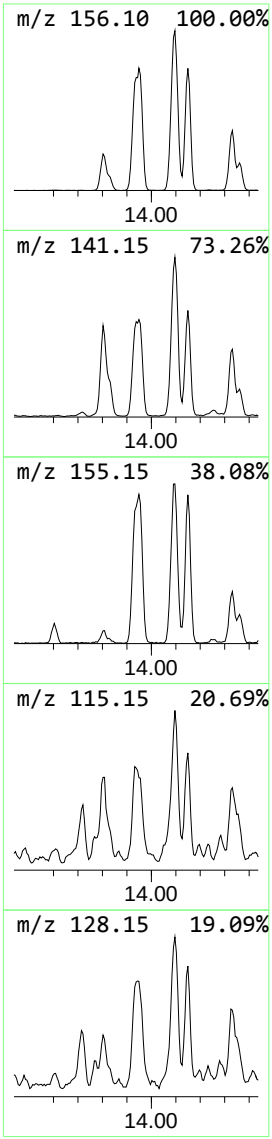
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	51.42 ng	2824620	Acenaphthene-d10	14.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
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Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

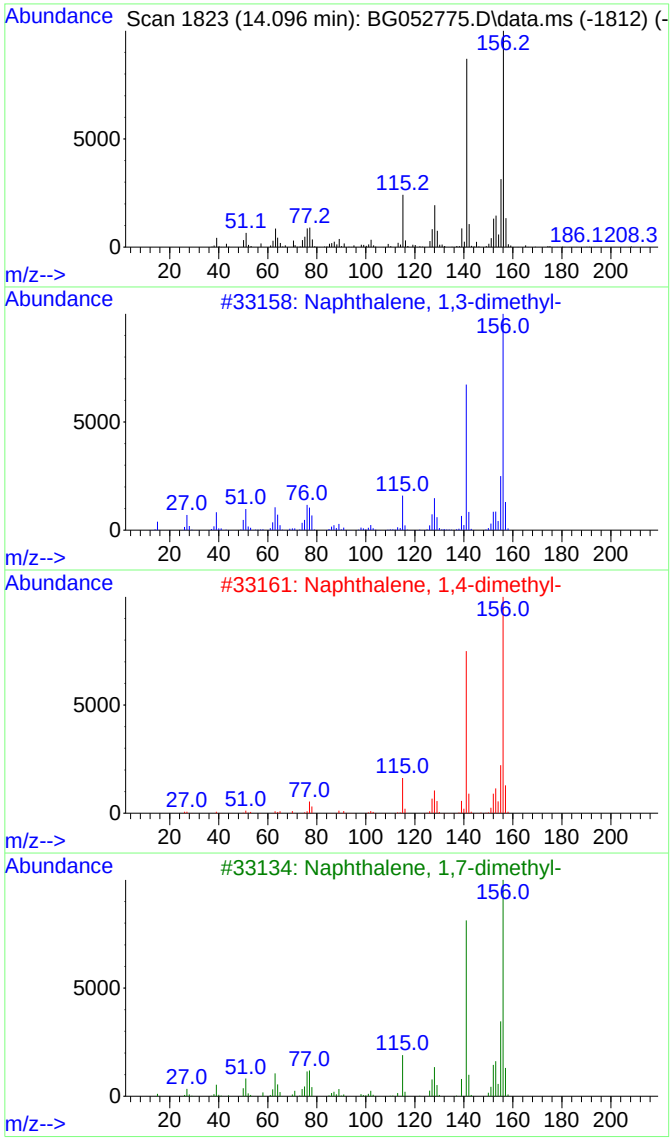
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

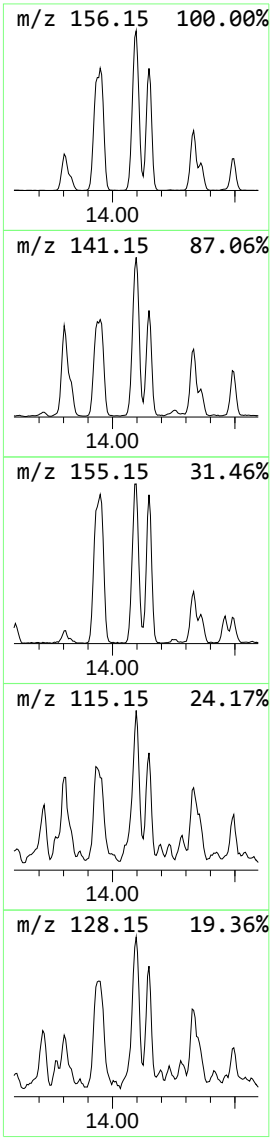
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.096	56.23 ng	3088950	Acenaphthene-d10	14.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

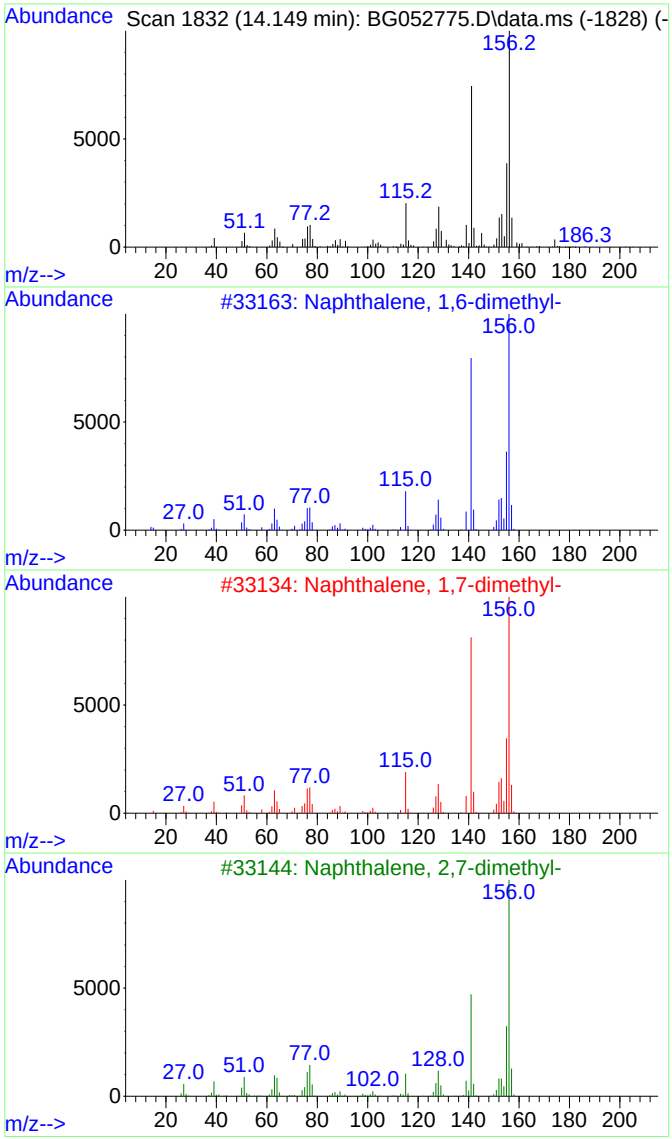
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

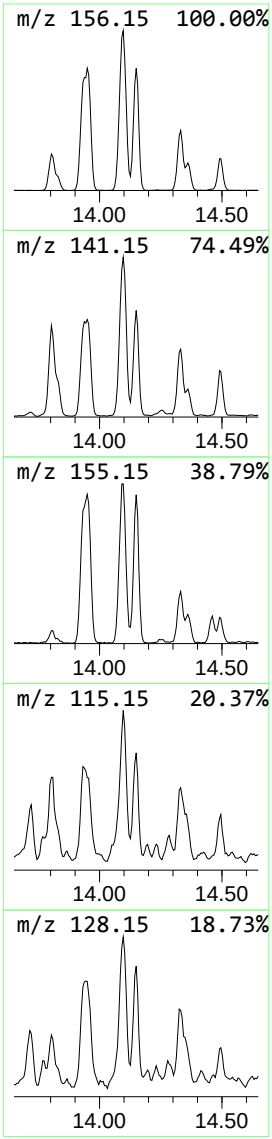
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.149	35.12 ng	1929430	Acenaphthene-d10	14.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B13-25.5-26.0

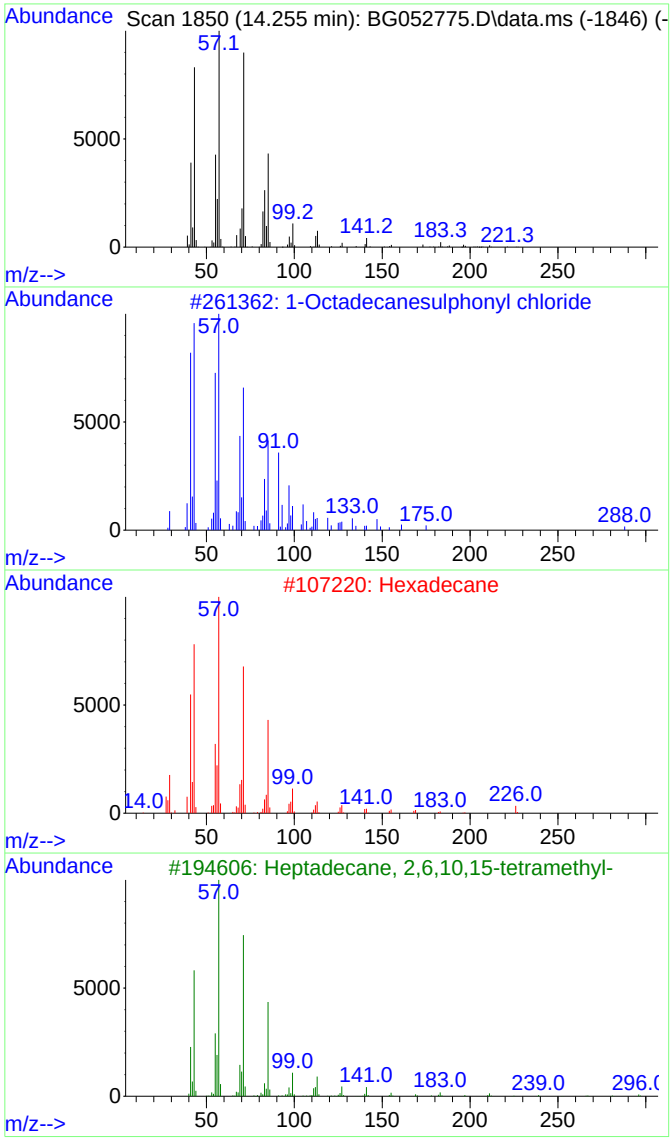
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

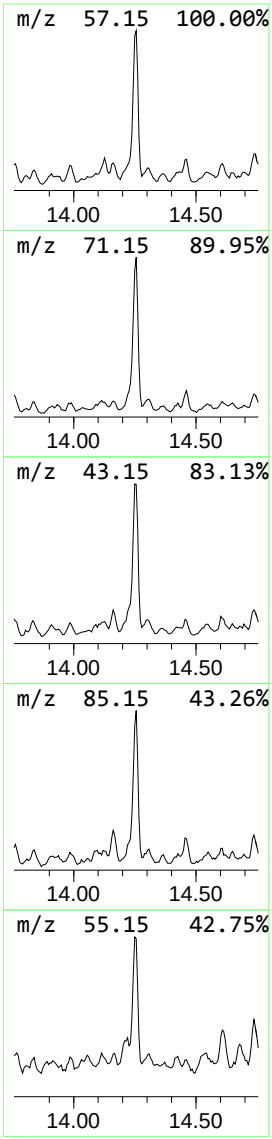
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Octadecanesulphonyl chloride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	28.73 ng	1578310	Acenaphthene-d10	14.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	70
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	64





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Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B13-25.5-26.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

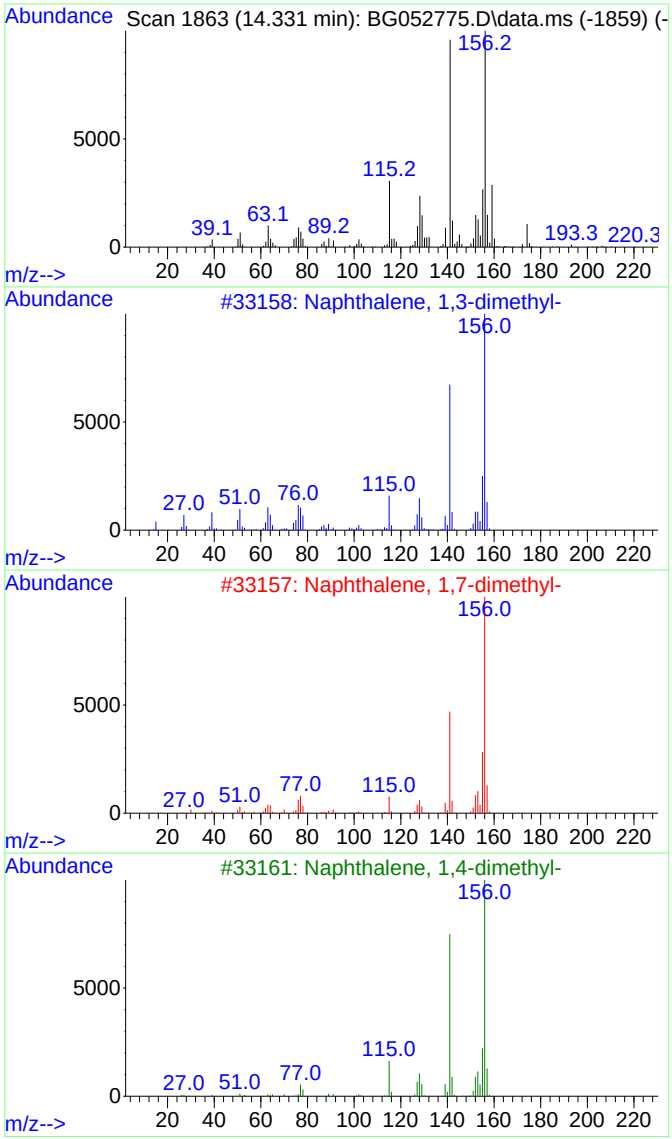
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

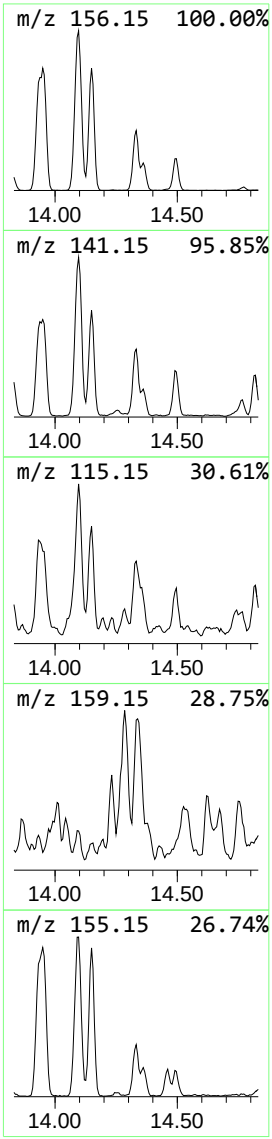
****

Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.331	27.97 ng	1536490	Acenaphthene-d10	14.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91





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Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B13-25.5-26.0

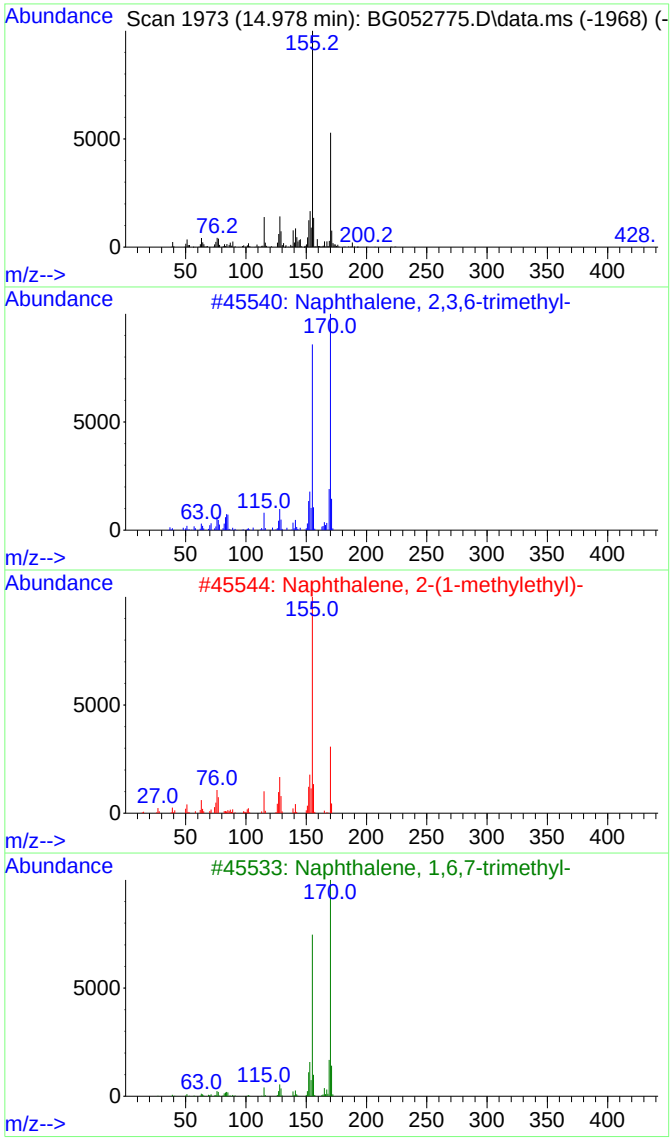
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

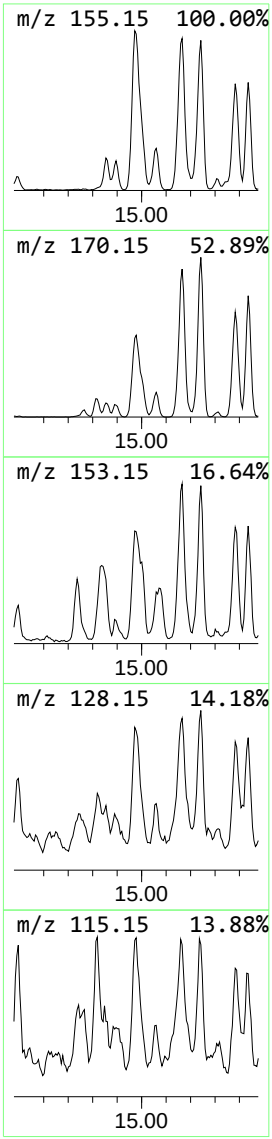
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.978	28.17 ng	1547800	Acenaphthene-d10	14.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93





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Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B13-25.5-26.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

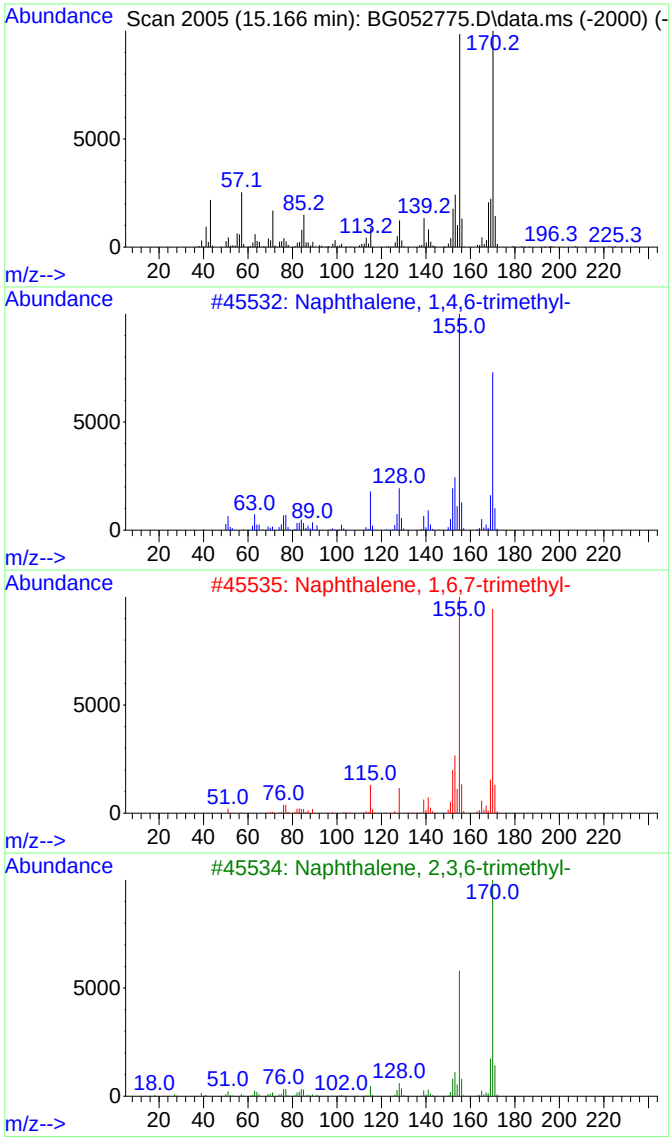
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

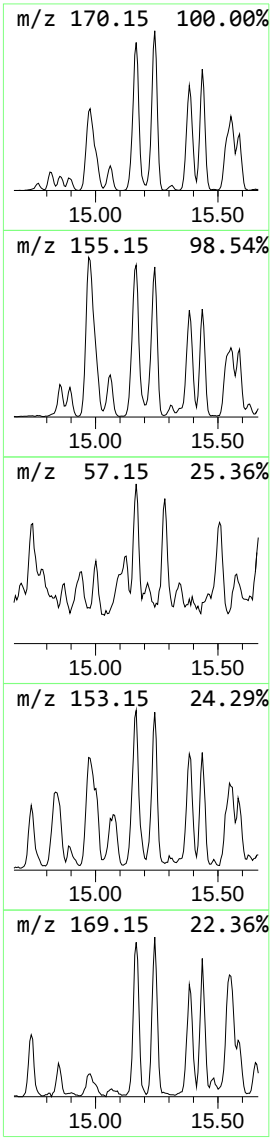
****

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.166	26.81 ng	1472980	Acenaphthene-d10	14.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81





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Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

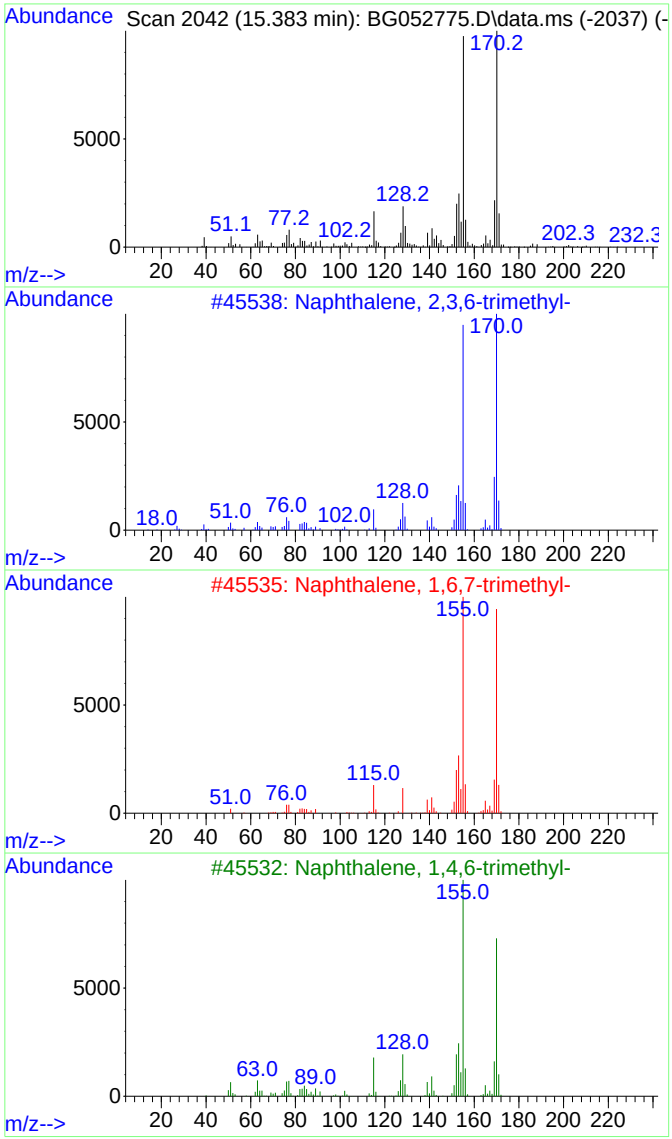
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

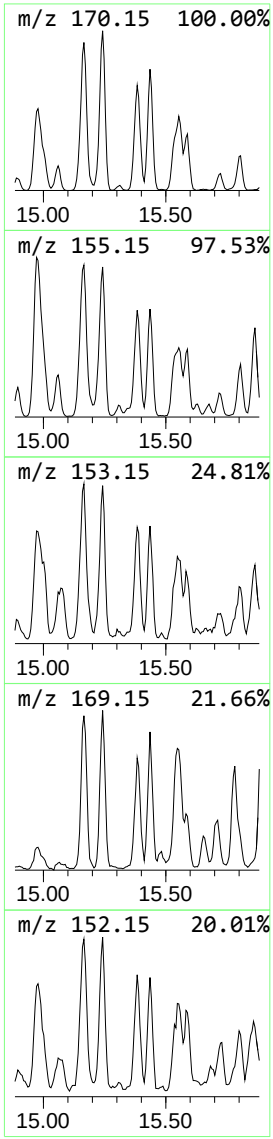
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.383	19.67 ng	1080470	Acenaphthene-d10	14.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

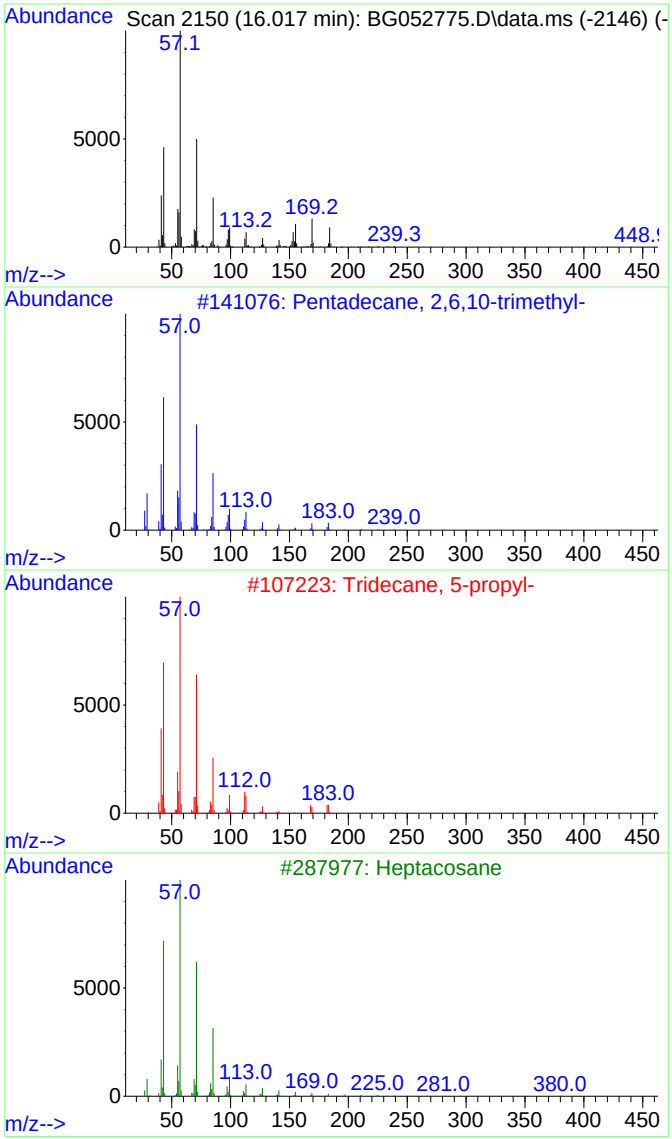
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

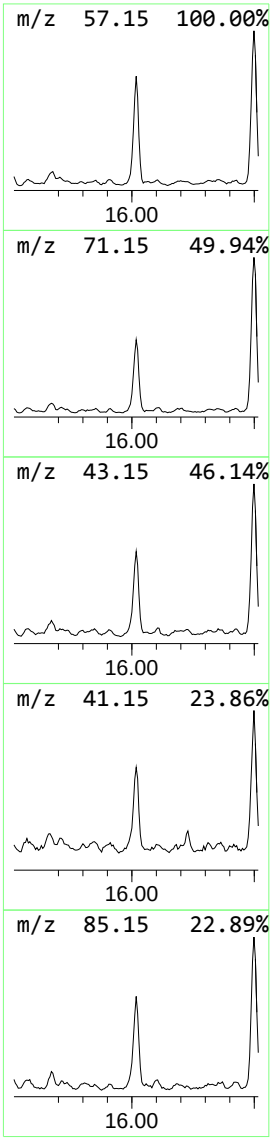
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.017	30.30 ng	1664340	Acenaphthene-d10	14.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
3	Heptacosane	380	C27H56	000593-49-7	58
4	Octacosane	394	C28H58	000630-02-4	49
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49





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Data File : BG052775.D
Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

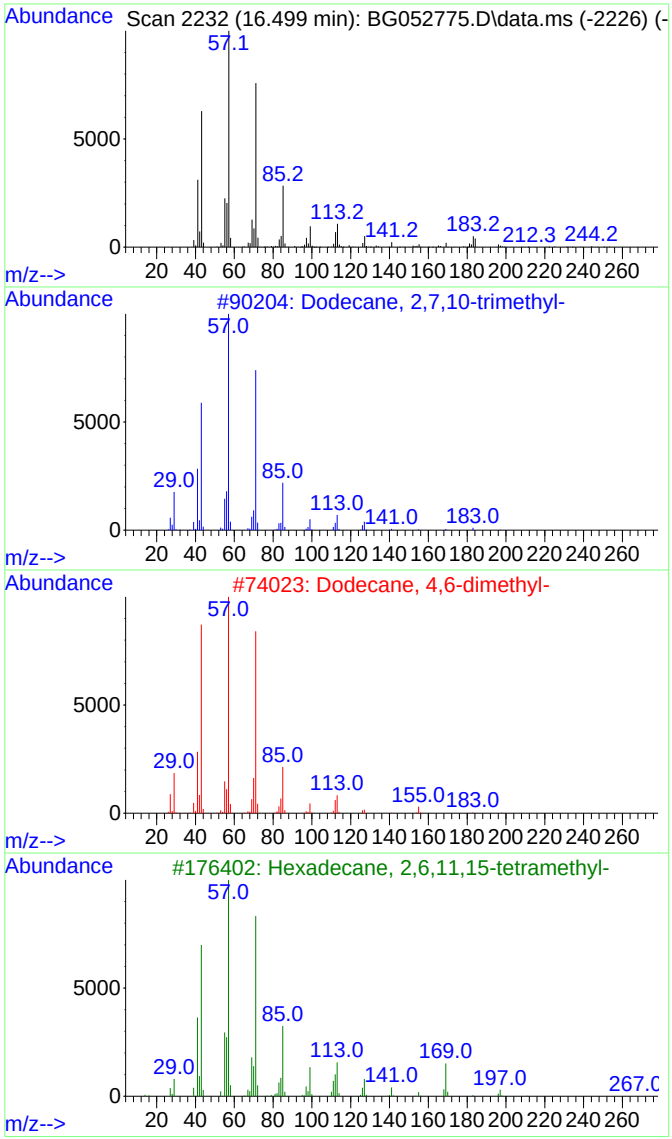
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

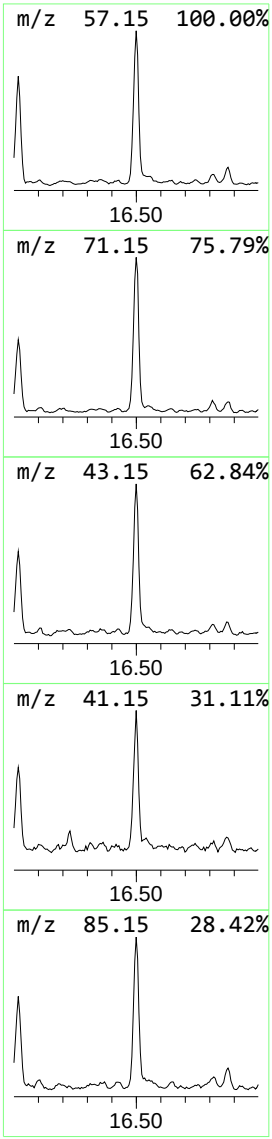
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.499	65.42 ng	2785860	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

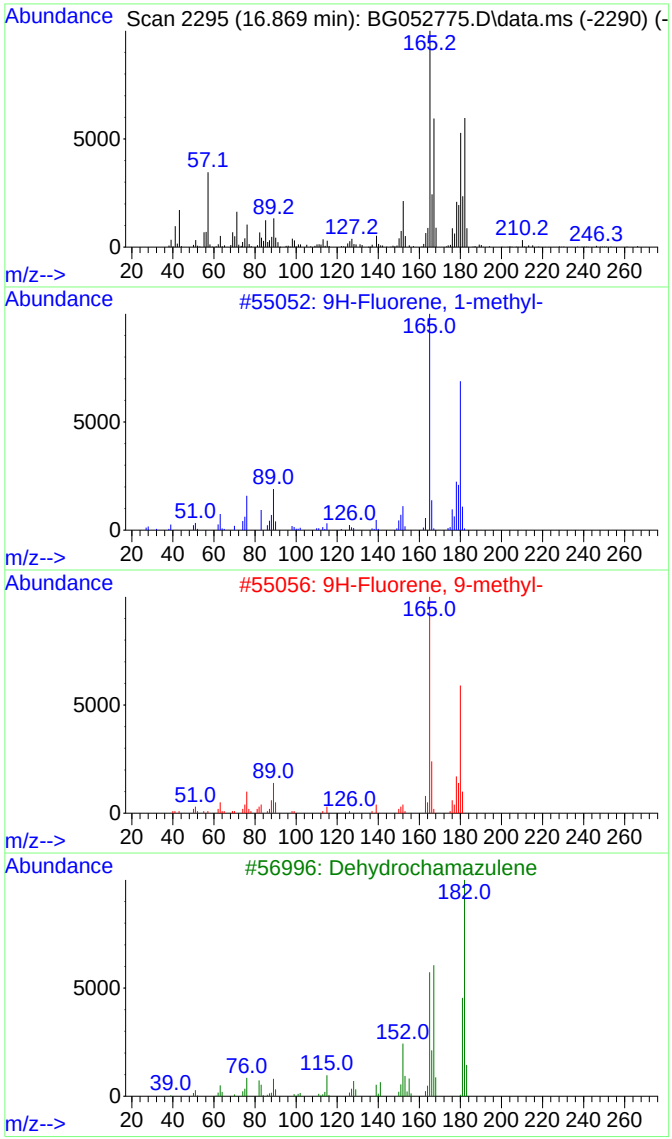
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

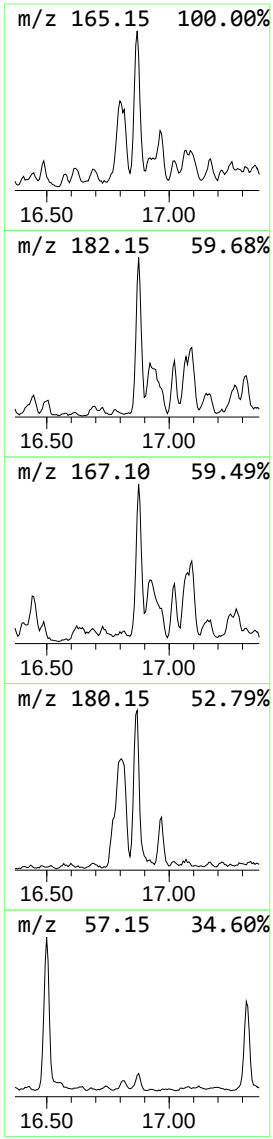
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.869	22.47 ng	956760	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	80
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
3	Dehydrochamazulene	182	C14H14	321732-25-6	55
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	53
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

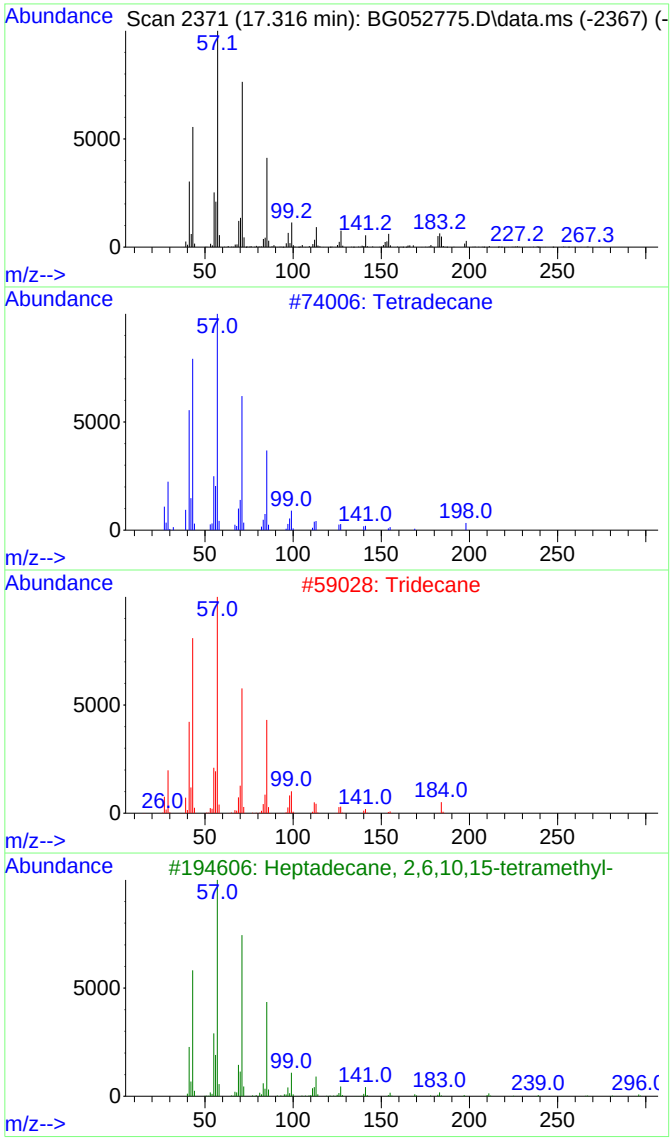
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

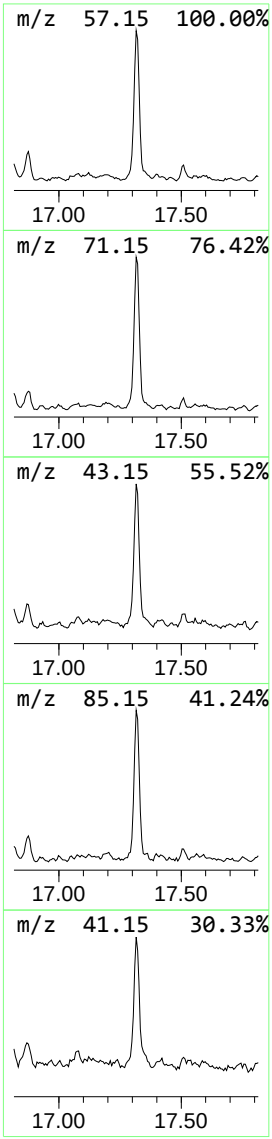
****

Peak Number 19 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.316	47.59 ng	2026730	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

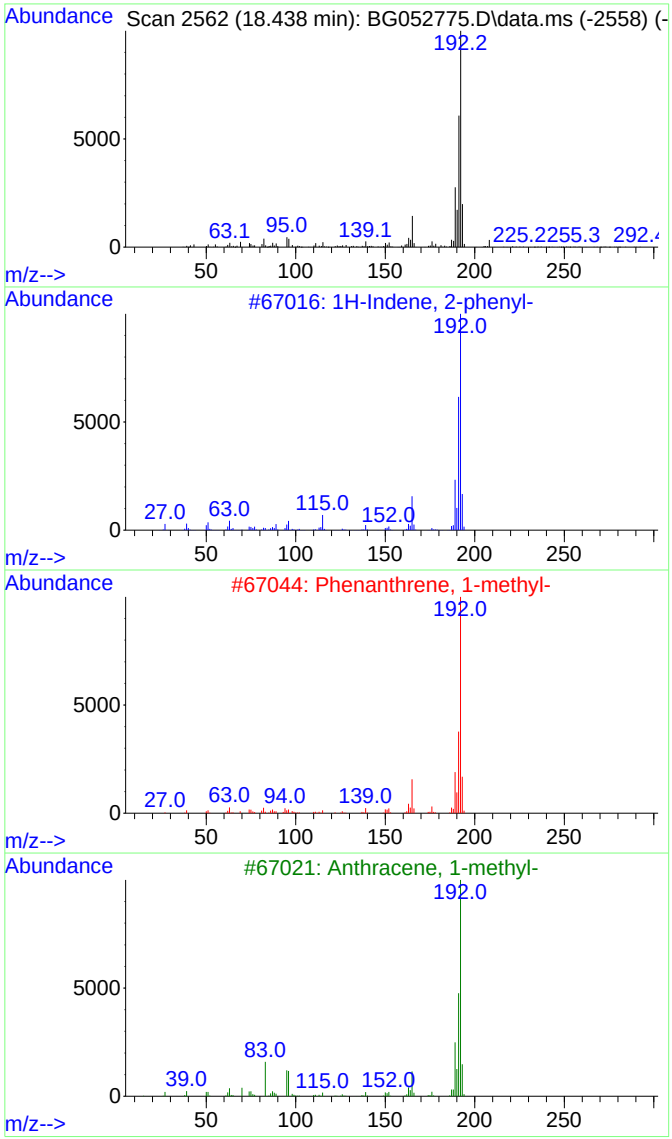
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

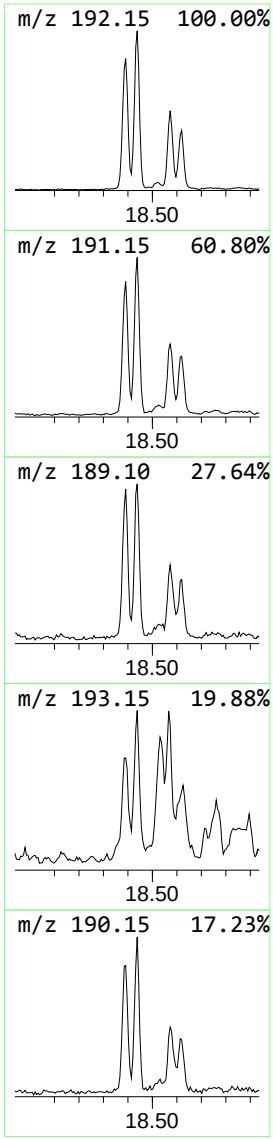
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.438	19.20 ng	817542	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052775.D
Acq On : 21 Mar 2022 19:46
Operator : CG/JU
Sample : N1709-07 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Mesitylene	7.793	24.1	ng	846685	1	8.146	701147	20.0
Benzene, 1,3-di...	8.792	27.7	ng	969731	1	8.146	701147	20.0
Benzene, (1,1-d...	9.514	25.6	ng	897500	1	8.146	701147	20.0
1-Phenyl-1-butene	10.360	20.5	ng	1130460	2	10.960	1103900	20.0
Nonane, 2,6-dim...	11.982	21.9	ng	1211280	2	10.960	1103900	20.0
Naphthalene, 1,...	12.146	29.3	ng	1617050	2	10.960	1103900	20.0
Dodecane, 2,6,1...	13.315	27.2	ng	1493020	3	14.772	1098730	20.0
Naphthalene, 1,...	13.938	51.4	ng	2824620	3	14.772	1098730	20.0
Naphthalene, 1,...	14.096	56.2	ng	3088950	3	14.772	1098730	20.0
Naphthalene, 1,...	14.149	35.1	ng	1929430	3	14.772	1098730	20.0
1-Octadecanesul...	14.255	28.7	ng	1578310	3	14.772	1098730	20.0
Naphthalene, 1,...	14.331	28.0	ng	1536490	3	14.772	1098730	20.0
Naphthalene, 2,...	14.978	28.2	ng	1547800	3	14.772	1098730	20.0
Naphthalene, 1,...	15.166	26.8	ng	1472980	3	14.772	1098730	20.0
Naphthalene, 1,...	15.383	19.7	ng	1080470	3	14.772	1098730	20.0
Pentadecane, 2,...	16.017	30.3	ng	1664340	3	14.772	1098730	20.0
Dodecane, 2,7,1...	16.499	65.4	ng	2785860	4	17.509	851736	20.0
9H-Fluorene, 1-...	16.869	22.5	ng	956760	4	17.509	851736	20.0
Tetradecane	17.316	47.6	ng	2026730	4	17.509	851736	20.0
1H-Indene, 2-ph...	18.438	19.2	ng	817542	4	17.509	851736	20.0